



{In Archive} Re: Cayuga County

David A Eckhardt

to:

Hare, Paul (GE, Corporate)

04/04/2008 09:43 AM

Cc:

"Morse, Ralph (GE, Corporate, non-ge)", Isabel Rodrigues, Don Bussey

Hide Details

From: David A Eckhardt <daeckhar@usgs.gov>

To: "Hare, Paul (GE, Corporate)" <paul.hare@ge.com>

Cc: "Morse, Ralph (GE, Corporate, non-ge)" <morsere@obg.com>, Isabel Rodrigues/R2/USEPA/US@EPA, Don Bussey/LV/USEPA/US@EPA

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1 Attachment



CY191.pdf

Paul,

I've directed your question to Don Bussey, who was present when EPA-11 was drilled. The D3 unit was his target drilling depth.

The borehole logging was blocked by rockfall in the well, so we could only get a gamma log to the middle of the Manlius. Based on the top of Manlius contact, I estimate that the top of the Bertie Oxbow should be at about 476 ft elevation (based on nominal thicknesses of the Manlius, Rondout, and Cobleskill units. The bottom of well should be at 463 ft elevation, which would be in the Bertie Forge Hollow. This is based on nearby EPA-10, which had nominal unit thicknesses. But, given the instability in the EPA-11 borehole and the faulting observed in nearby CY-215 on Overbrook Drive, there may be anomalous unit thicknesses at EPA-11. We cannot confirm, therefore, that EPA-11 has penetrated the Forge Hollow without a definite gamma log on the borehole.

I'm out of the office, but I'll be able to further address your question next week. Don may have more to add about drilling.

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"Hare, Paul (GE, Corporate)" <paul.hare@ge.com>

To <daeckhar@usgs.gov>

04/03/2008 05:07 PM

cc "Morse, Ralph (GE, Corporate, non-ge)" <morsere@obg.com>

Subject Cayuga County

Hello Dave. Ralph has provided me with summary of the spot water-level elevations collected by USGS. There are data for EPA-11 on a few dates, and that is listed as I1 to D3. I'd like to confirm that the top of the open interval is in the I1, and that the bottom of the interval is in the D3. I recall us thinking that that borehole did not make it to the D3. How was the total depth relative to the geologic units confirmed?

Paul Hare

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